

Amendments to the Specification:

Please replace the paragraph beginning at line 13 on Page 18 with the following rewritten paragraph:

In FIG. 4 (A), the duplication plate material (even convex and concave) 111 has the area 105A defined by the salient line 106 and the middle line 101 as same as the area 103A defined by the reentrant line 108 and the middle line 101. In FIG. 4 (B), the duplication plate material (large convex) 113 has the area 105B defined by the salient line 106 and the middle line 101 larger than the area 103B defined by the reentrant line 108 and the middle line 101. In Fig. 4 (C), the duplication plate material (small convex) 115 has the area 105C defined by the salient line 106 and the middle line 101 smaller than the area 103C defined by the reentrant line 108 and the middle line 101.

Please replace the paragraph beginning at line 2 on Page 23 with the following rewritten paragraph:

The intermediate plate material (including duplication plate material) exemplified by FIG. 3 is composed of the substrate 15, a primer layer 19, an ionizing radiation-cured resin layer 13B, where they are layered successively. A surface configuration thereof has a corrugation-line convexo-concave shapes containing plural ridge- and/or individually standing peak-like convexo-concave shapes. In a cross sectional surface along a direction crosswise to the corrugation-like convexo-concave shapes, a middle line 20 is drawn by connecting midpoints of the convexo-concave height (difference in height between the top and the bottom of the convexo-concave shapes), and a salient section 21 is defined by a salient line 22 of the convex part and the middle line 20, and further an adjacent reentrant section 23 is defined by a reentrant line 24 of the concave part and the middle line 20. These salient and reentrant sections are situated next to

each other on the bias having midpoints in common. In this assumption, the salient sections and the reentrant sections are alternately lined along the middle line in a state that these salient and reentrant sections is facing the middle line, and the each salient section is smaller in area than that of the adjacent reentrant section. In extremely plain words, the convex part in the duplication plate is small and sharp in comparison with the adjacent concave parts.

Please replace the paragraph beginning at line 9 on Page 35 with the following rewritten paragraph:

According to the process for production of the optically diffractive structure of the present invention, even when a medium is duplicated by the commercial duplication method such as the embossing method, the duplicated medium can exhibit superior diffraction effect. When a duplication plate of the present invention is wrapped around a cylindrical plating drum ~~drum~~, it is possible to mass duplicate the diffractive structure which has bright and stable diffraction borrowed light and takes a serial roll-to-roll form.